

FIG. 1

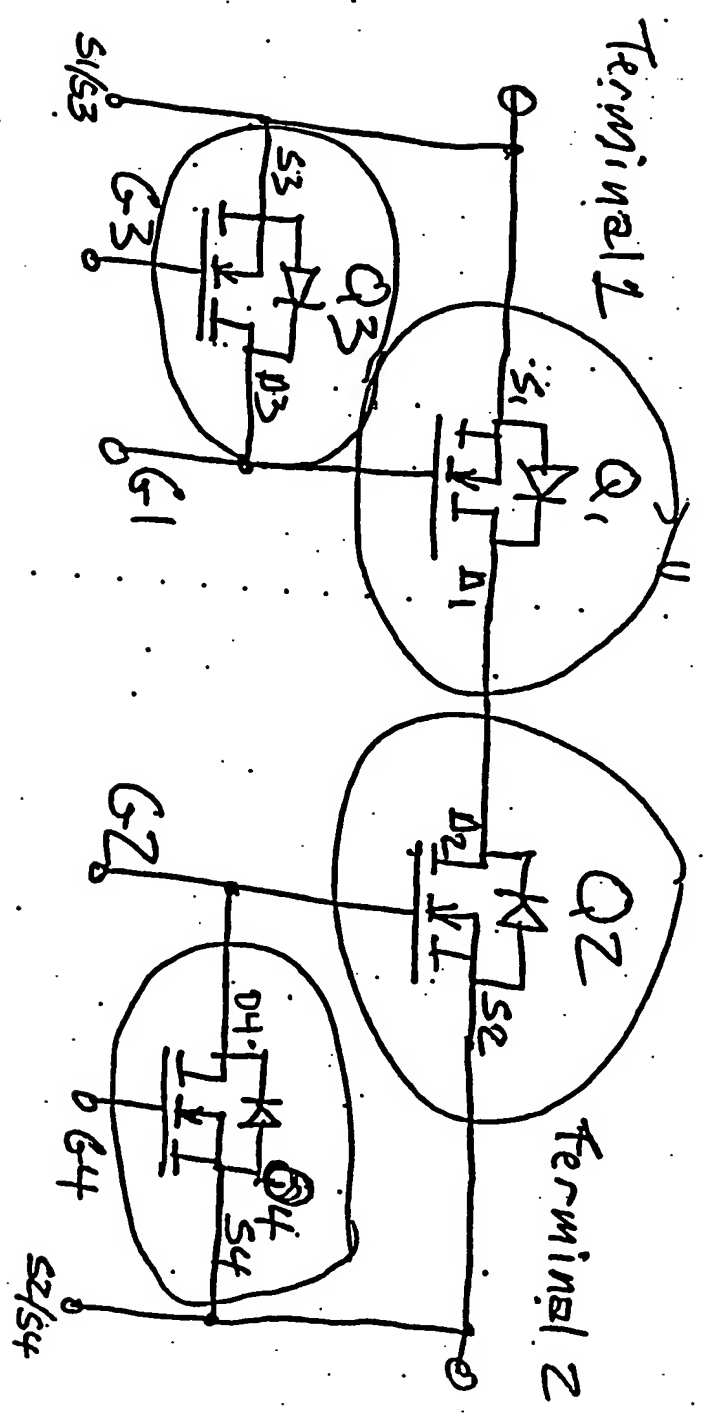
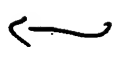


Fig. 2

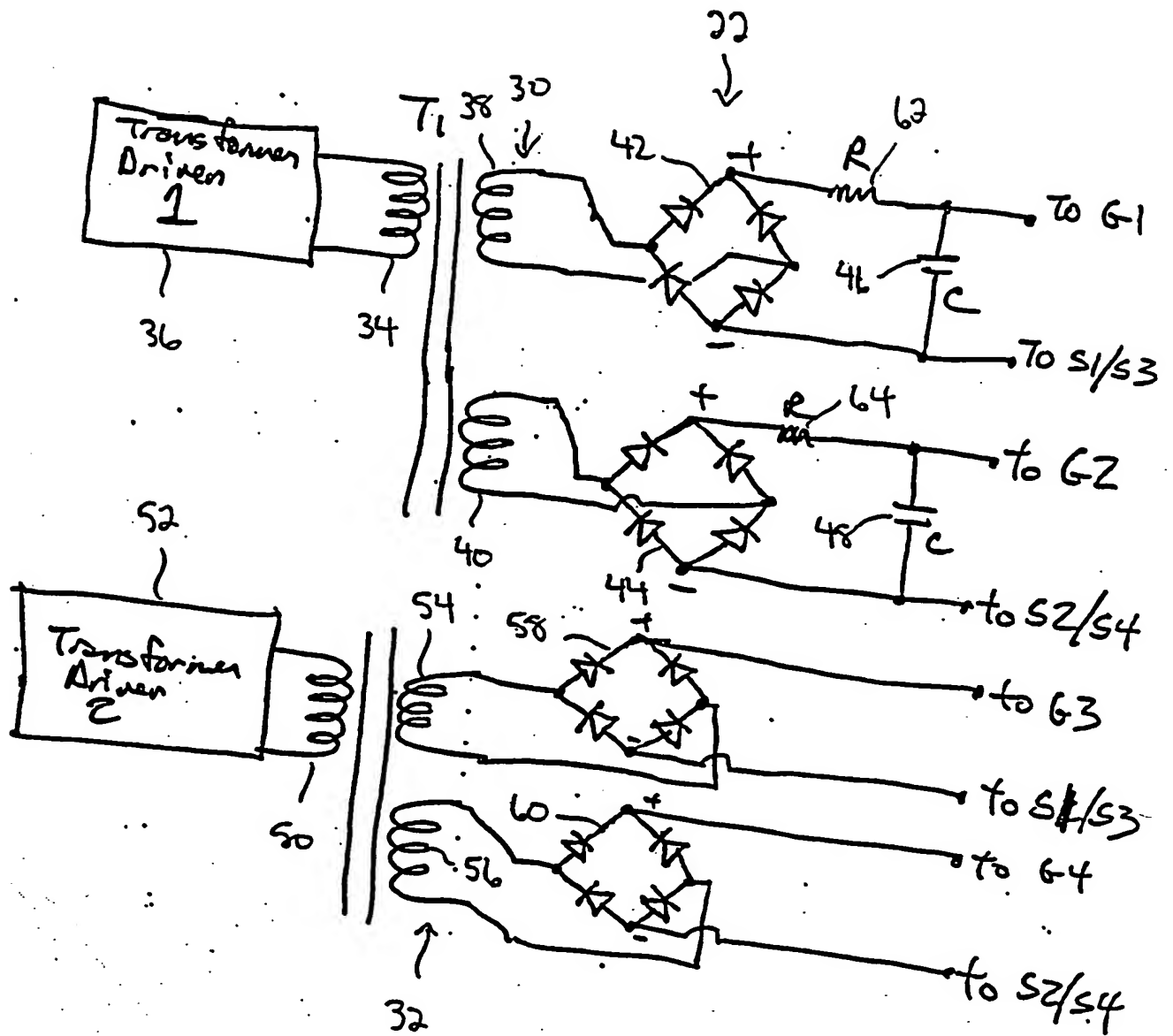


Fig. 3

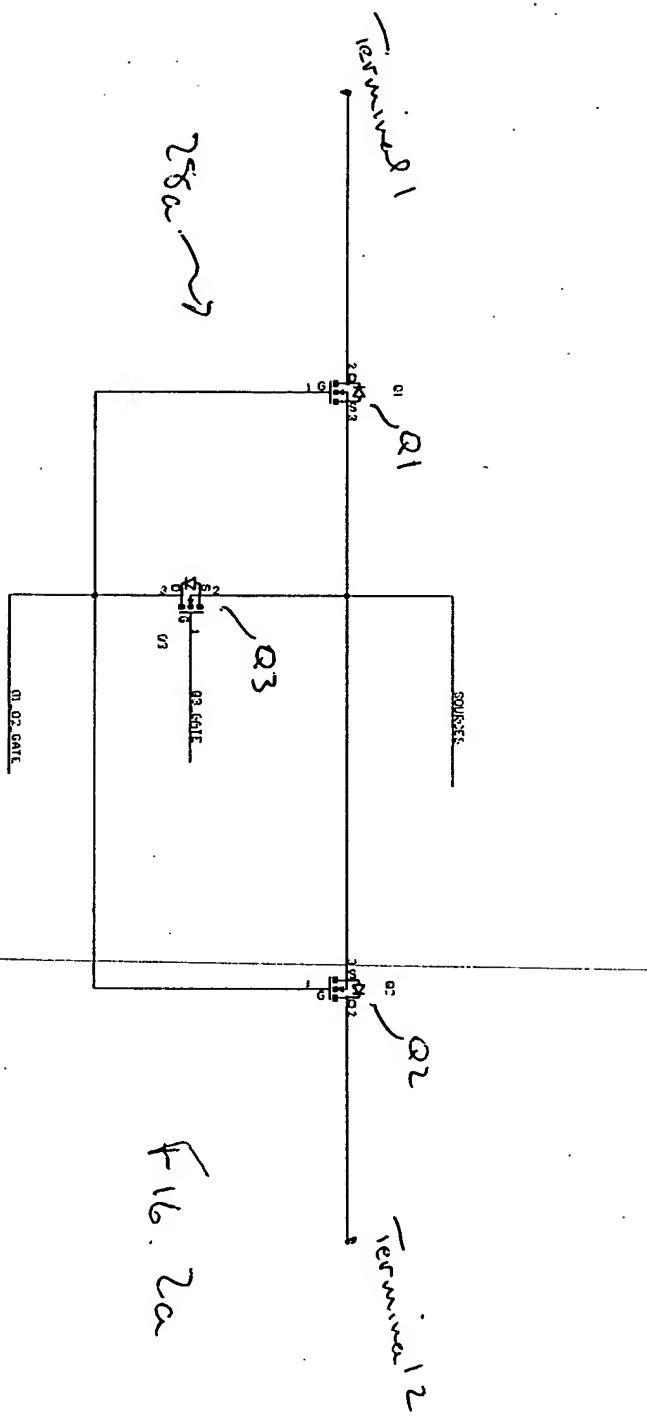


Fig. 2a

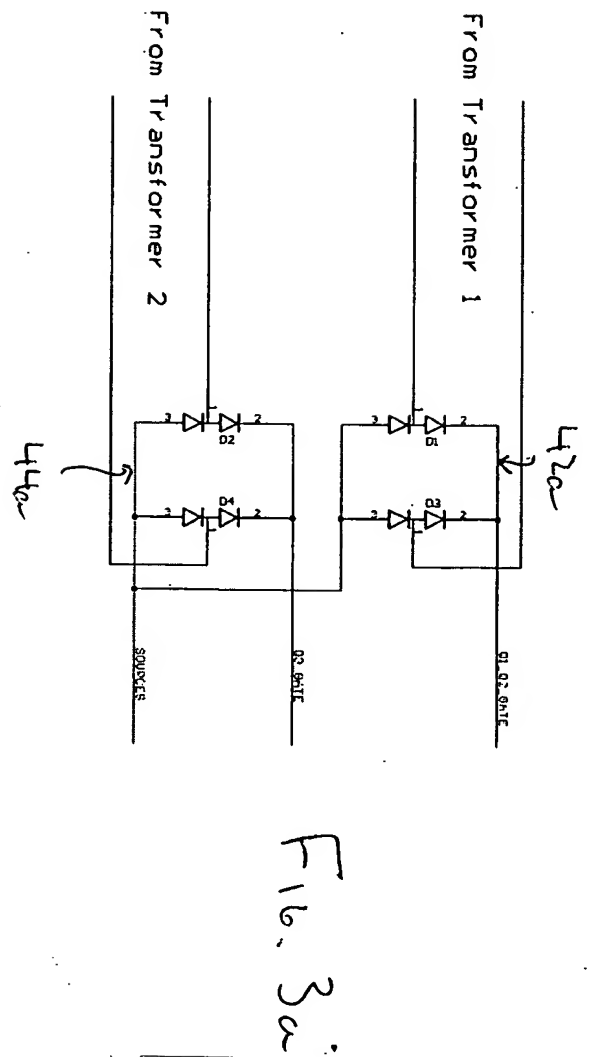


Fig. 3a

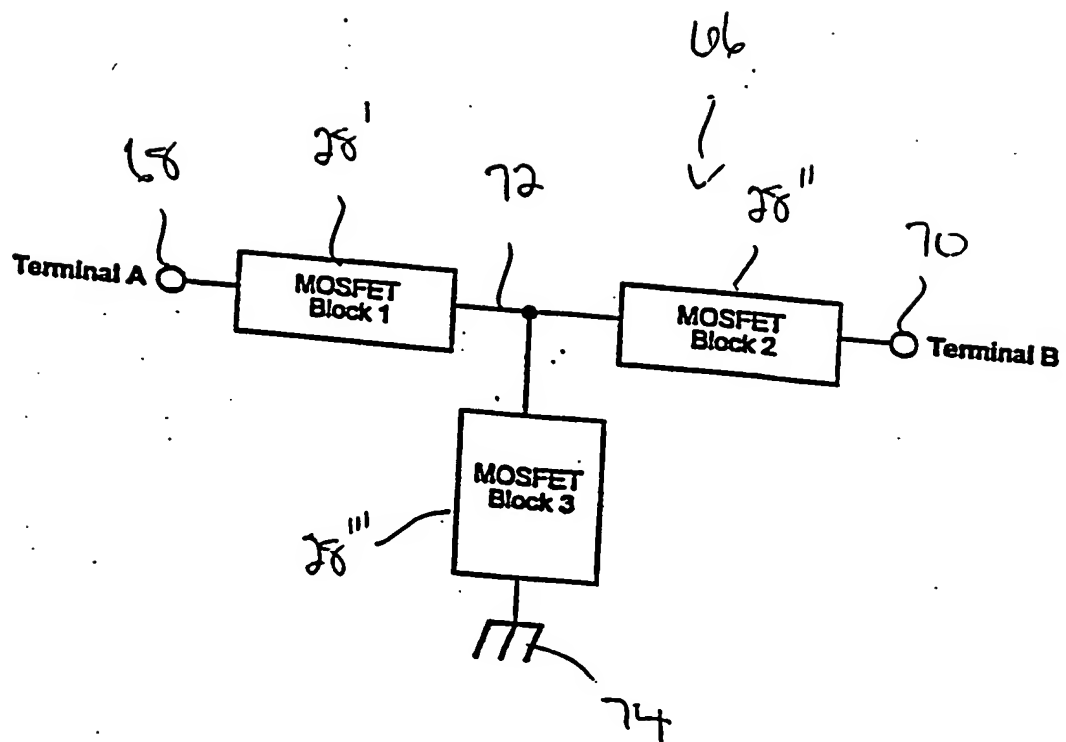


FIG. 4

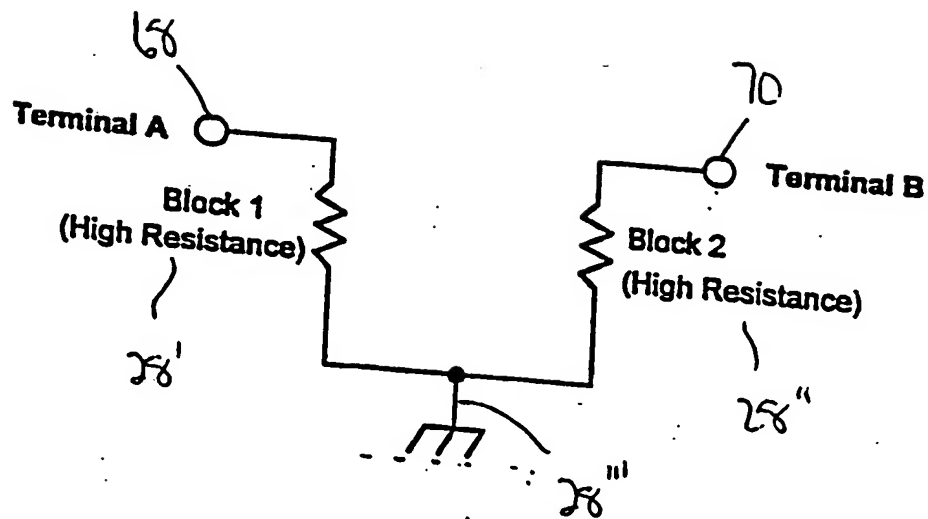


FIG. 5

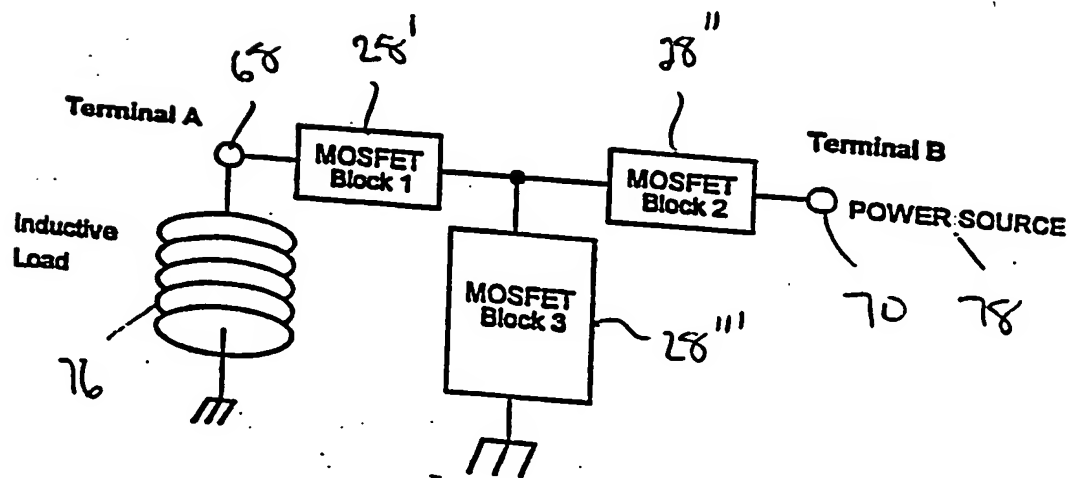
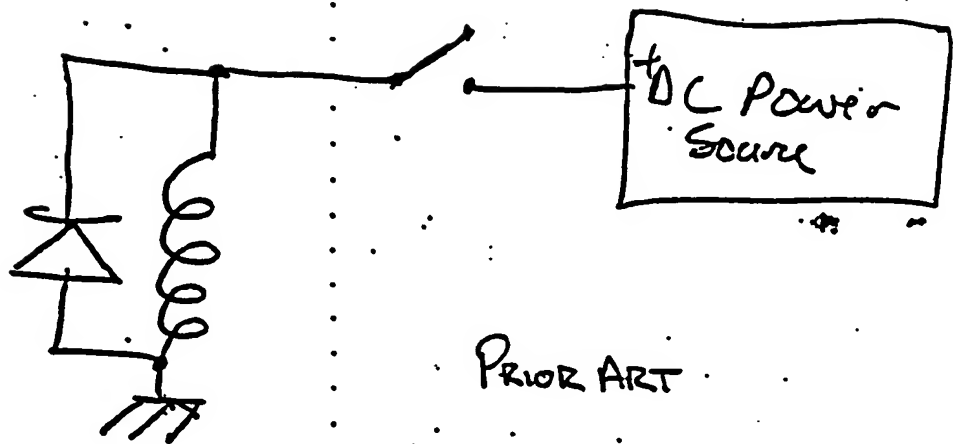


FIG. 6

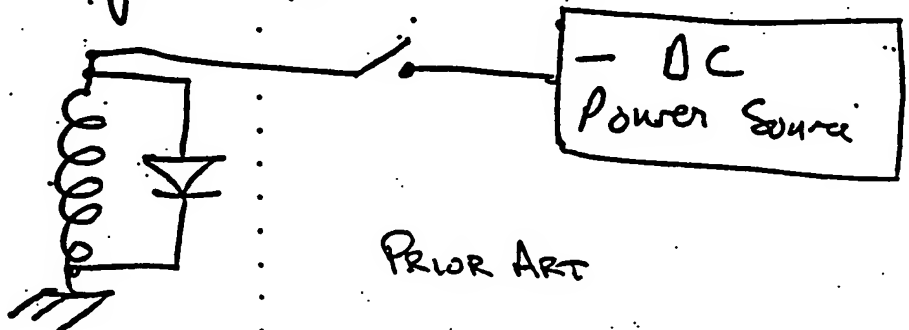
Figure 7



PRIOR ART

Inductive load with positive power source and discharge (or flyback) diode

Figure 7a



PRIOR ART

Inductive load with negative power source and discharge (or flyback) diode.

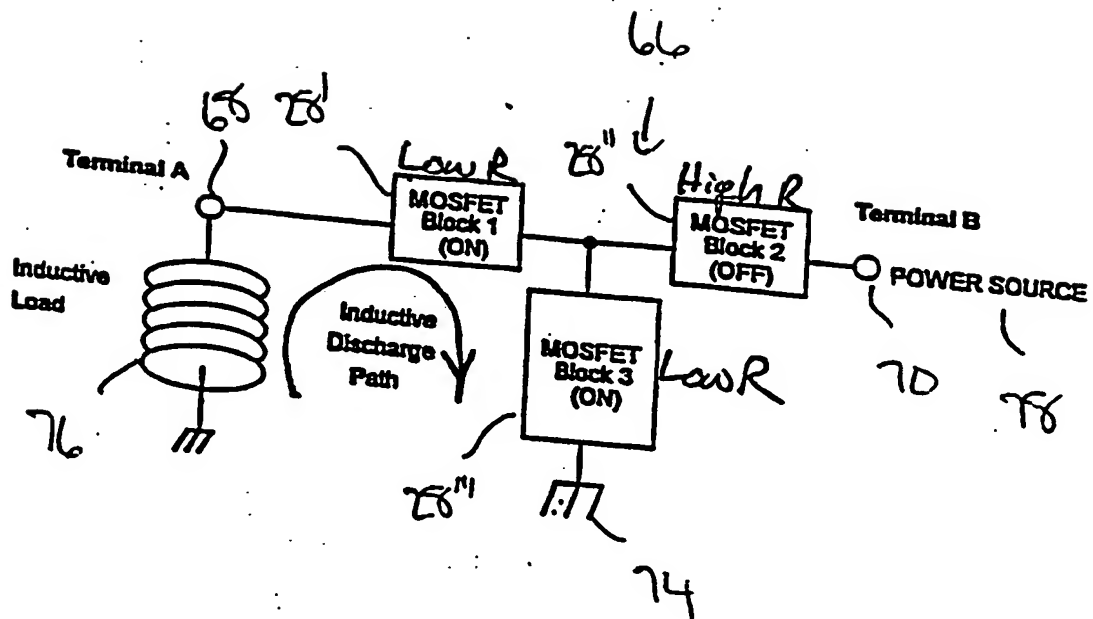


FIG. 8

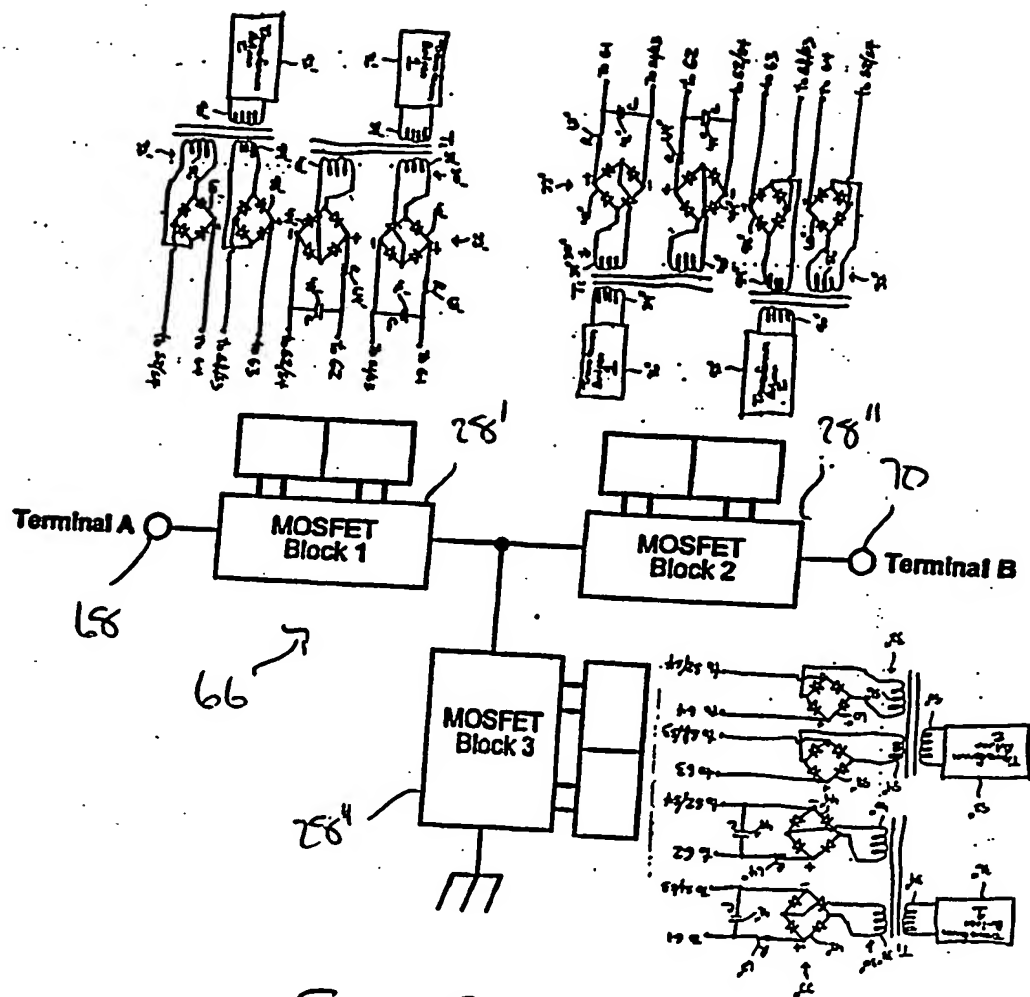


FIG. 9

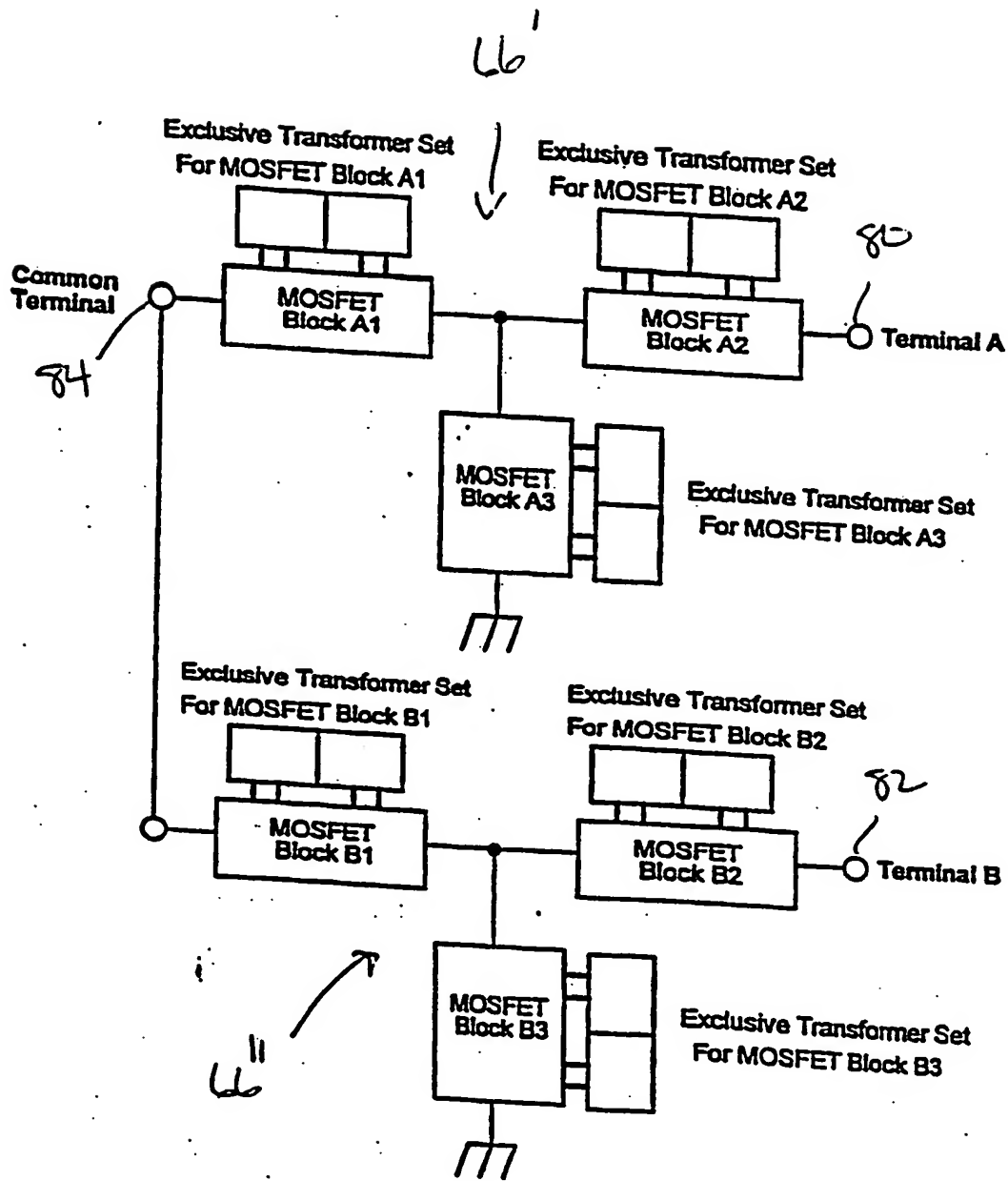


FIG. 10

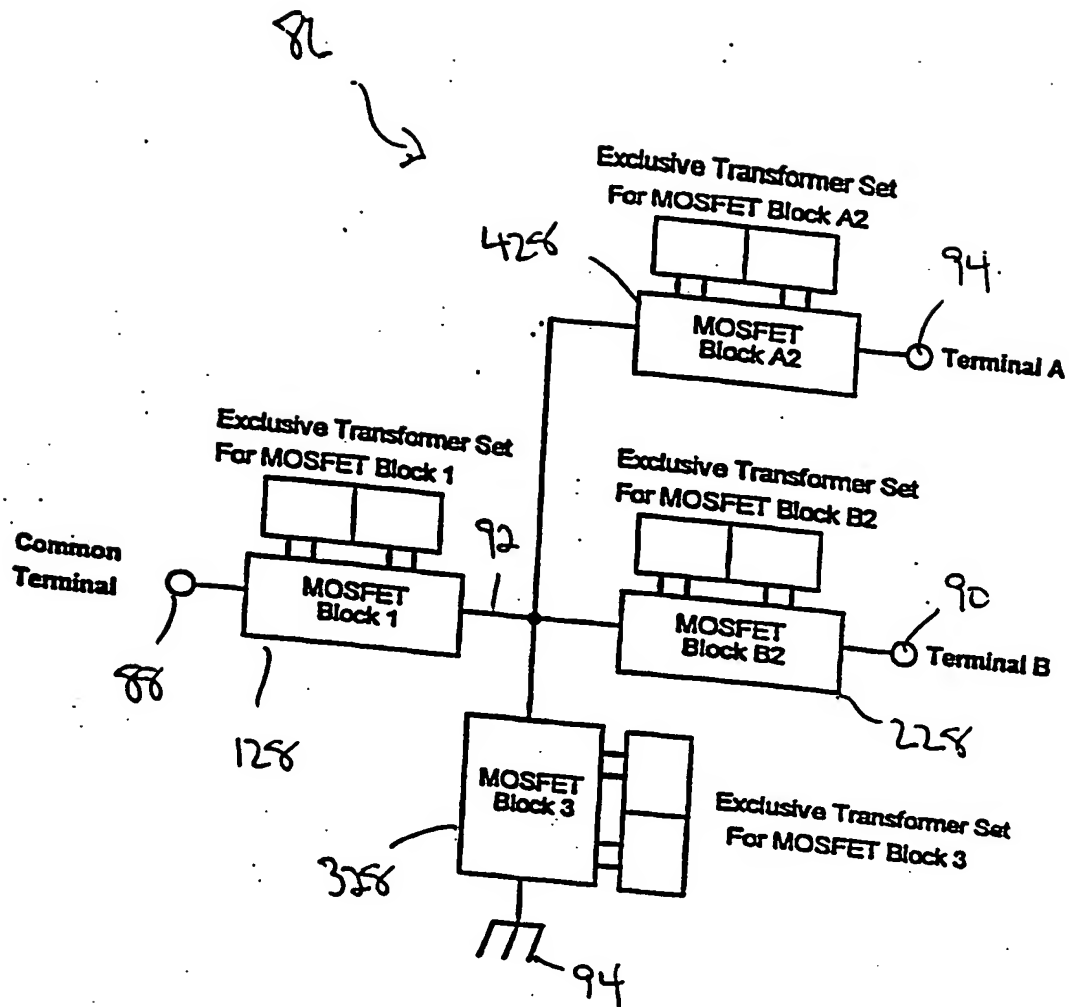


FIG. 11

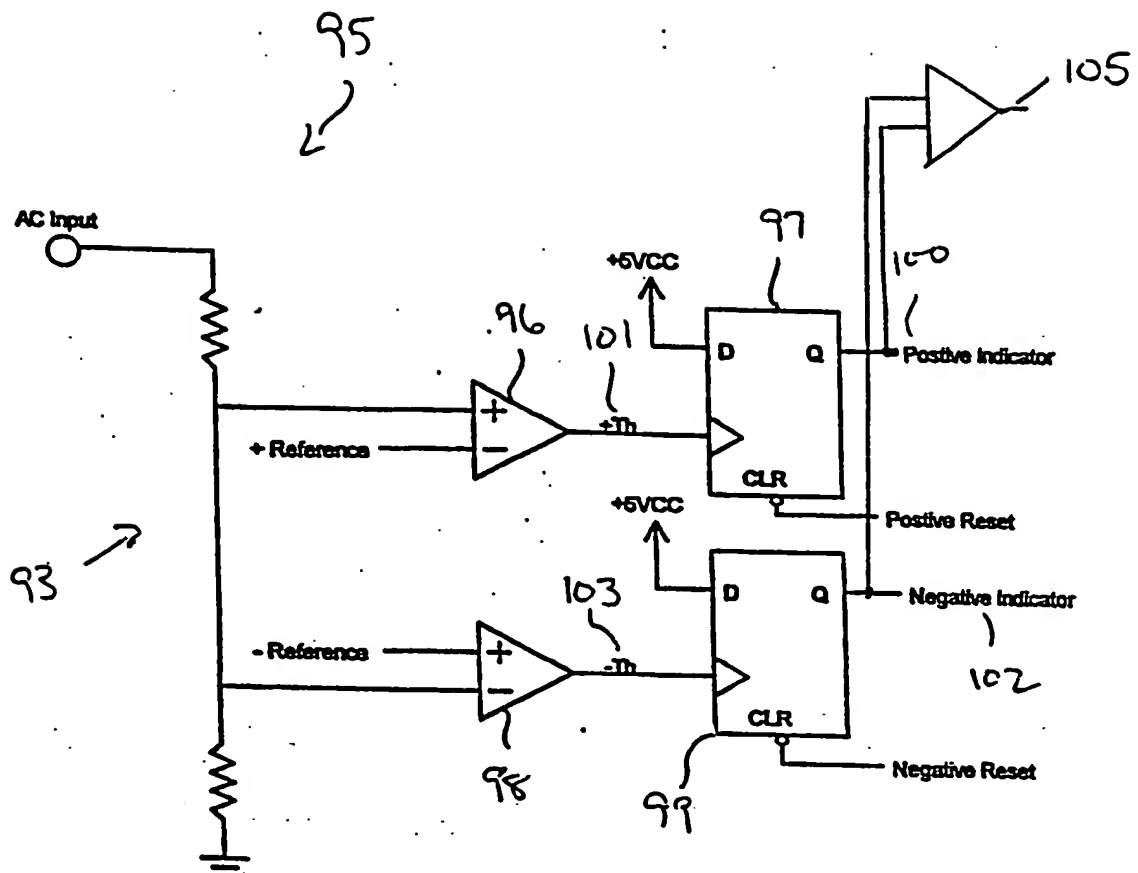
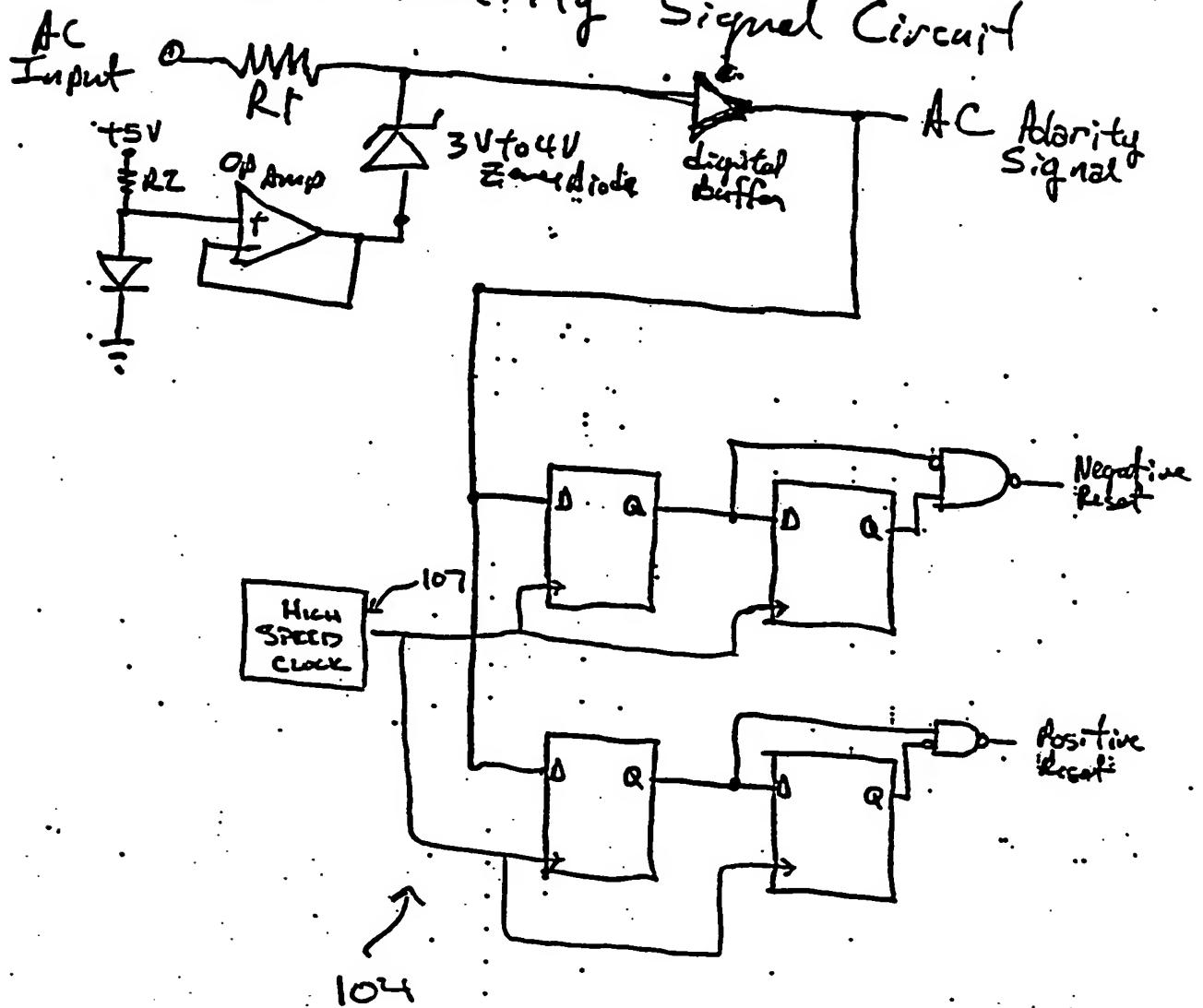


Fig. 12

Figure 13
AC Polarity Signal Circuit



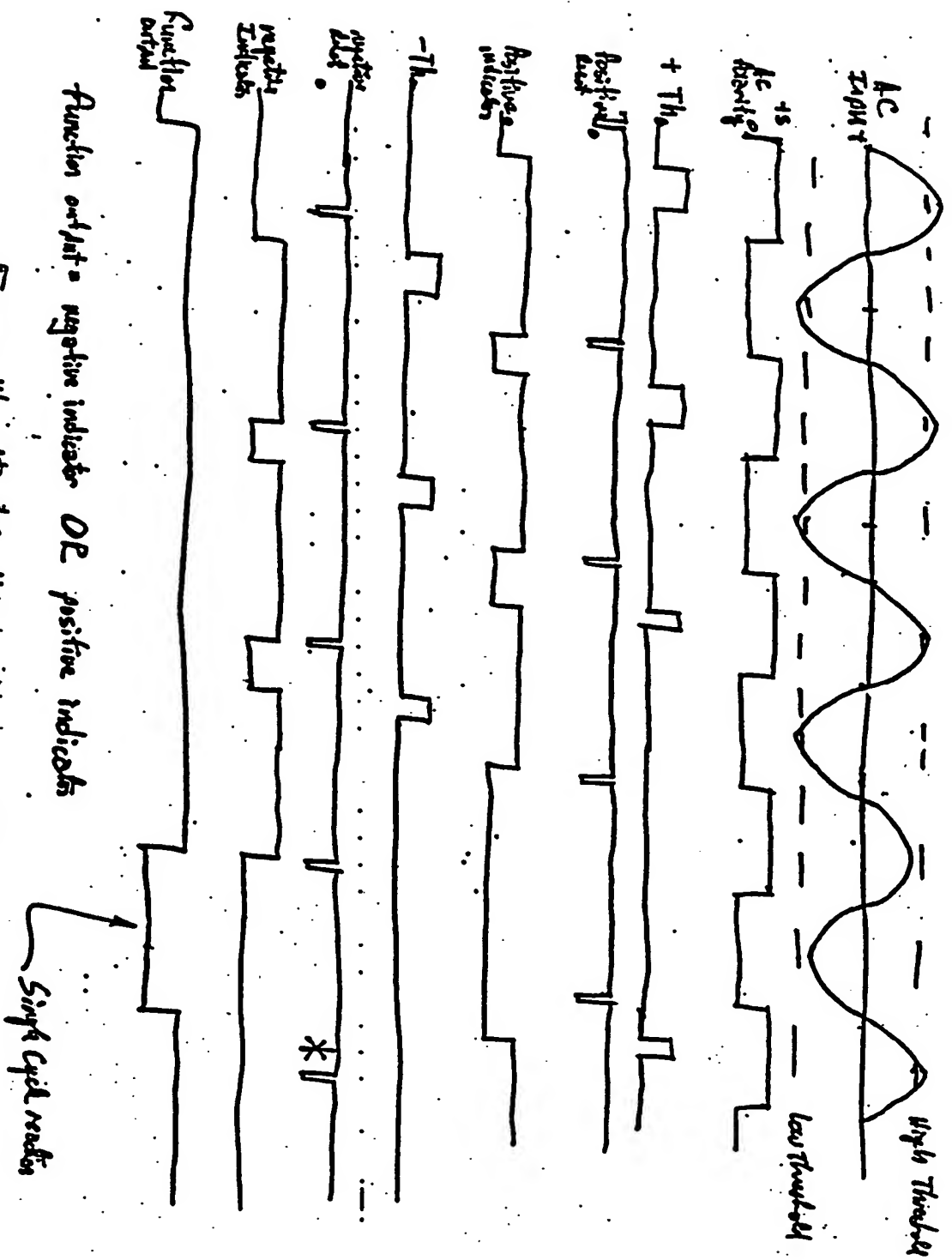
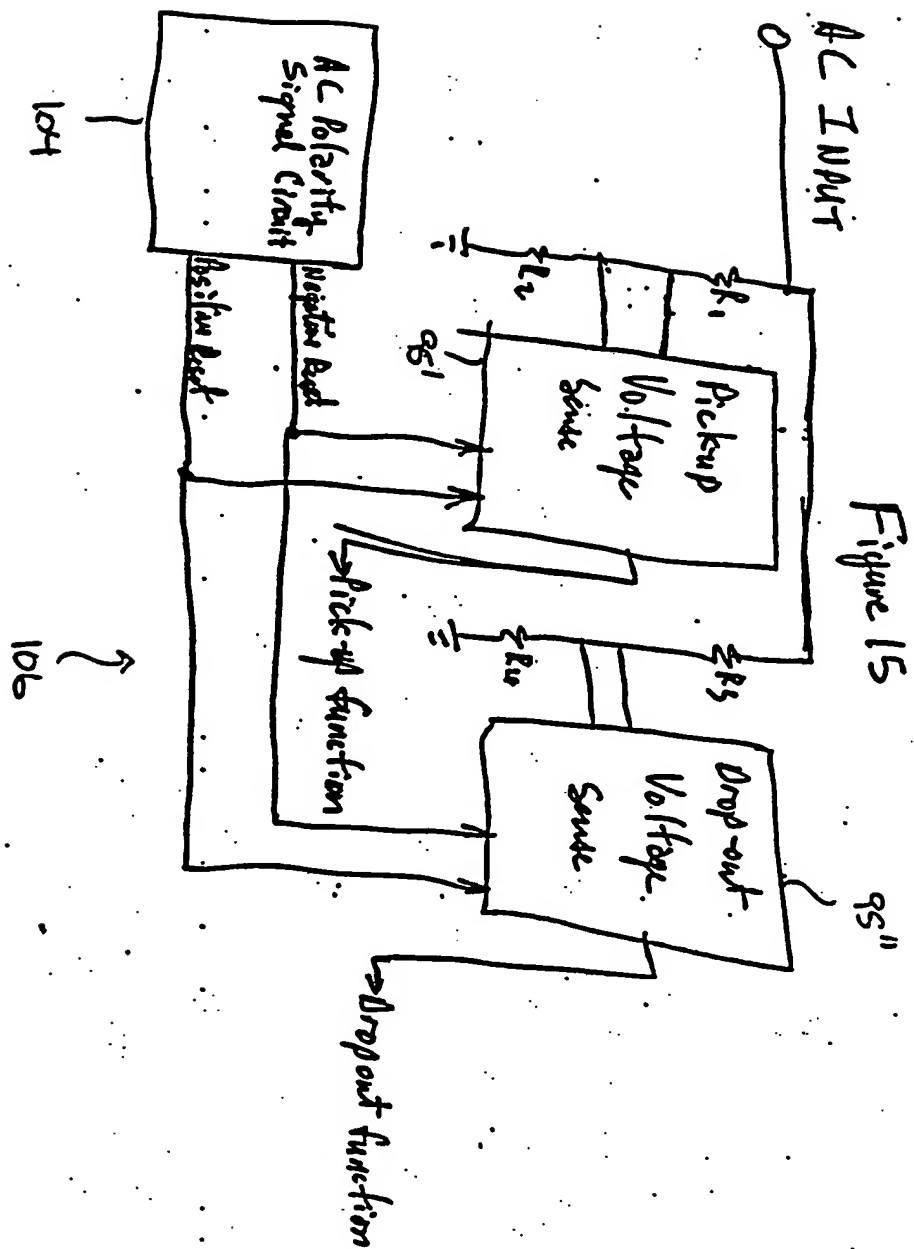


Figure 14. AC Voltage. Same waveforms



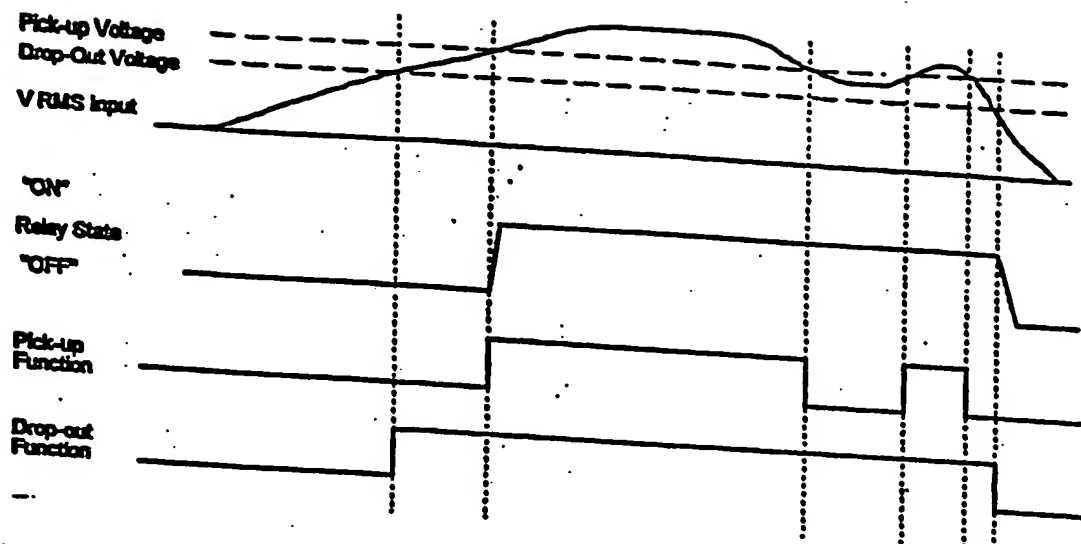
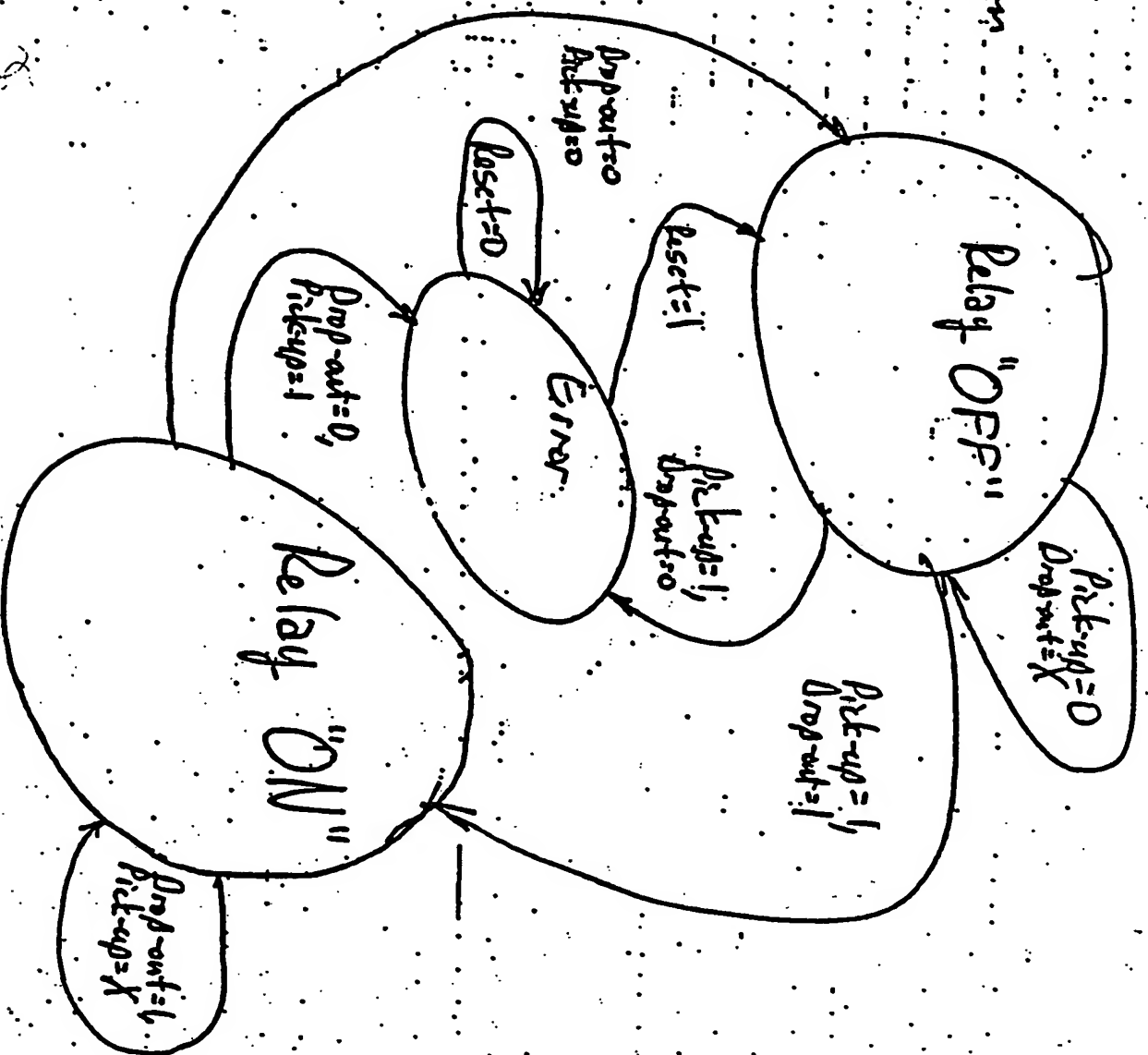


Fig. 16

Figure 17.
State Diagram



X = "Don't Care"

Figure 1B

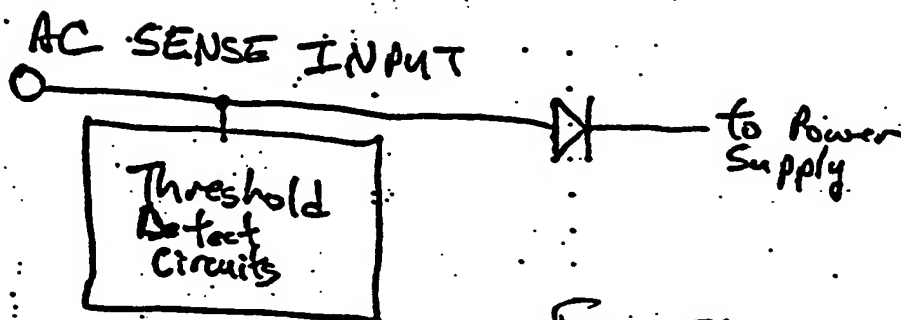
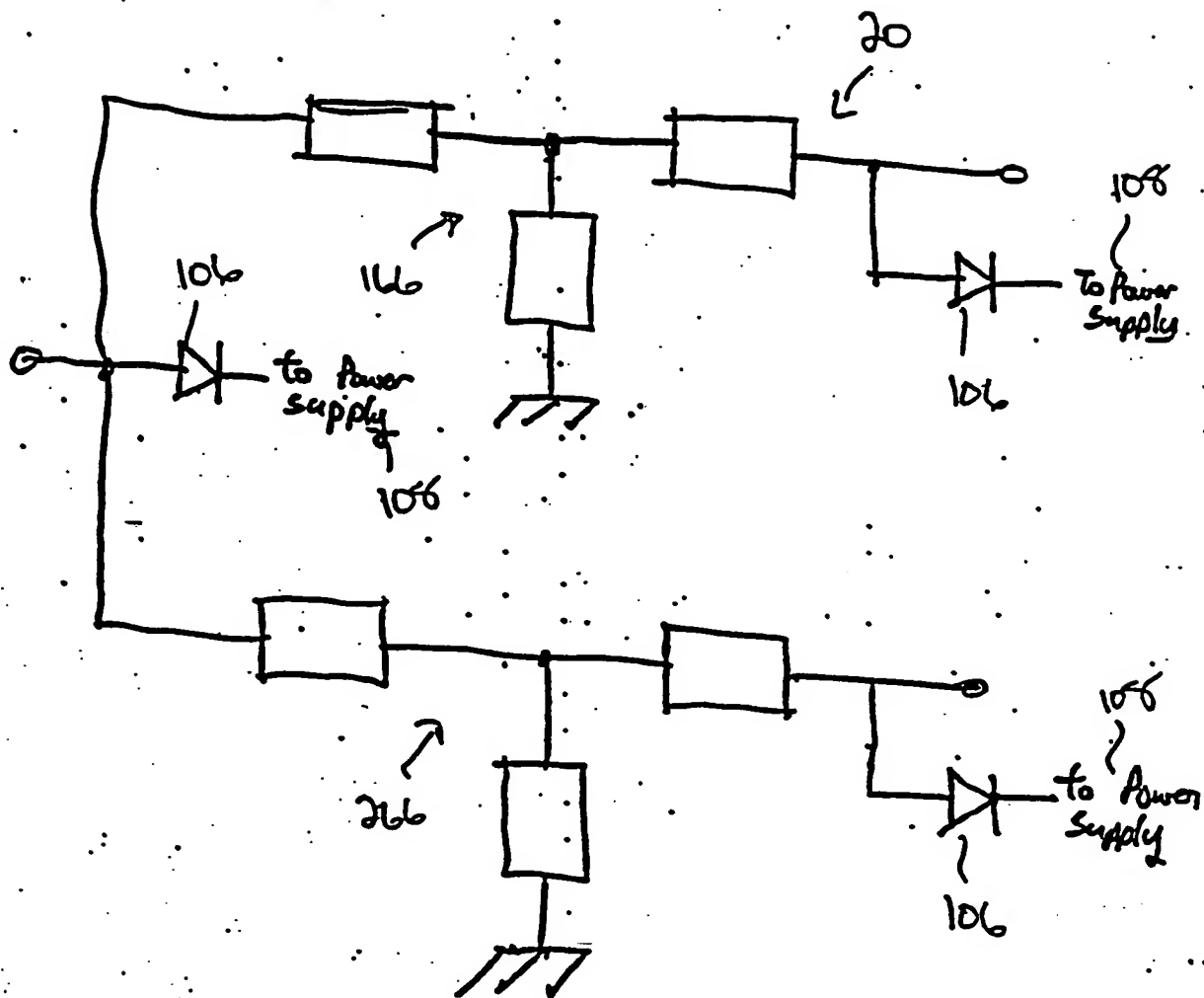


FIG. 1Ba

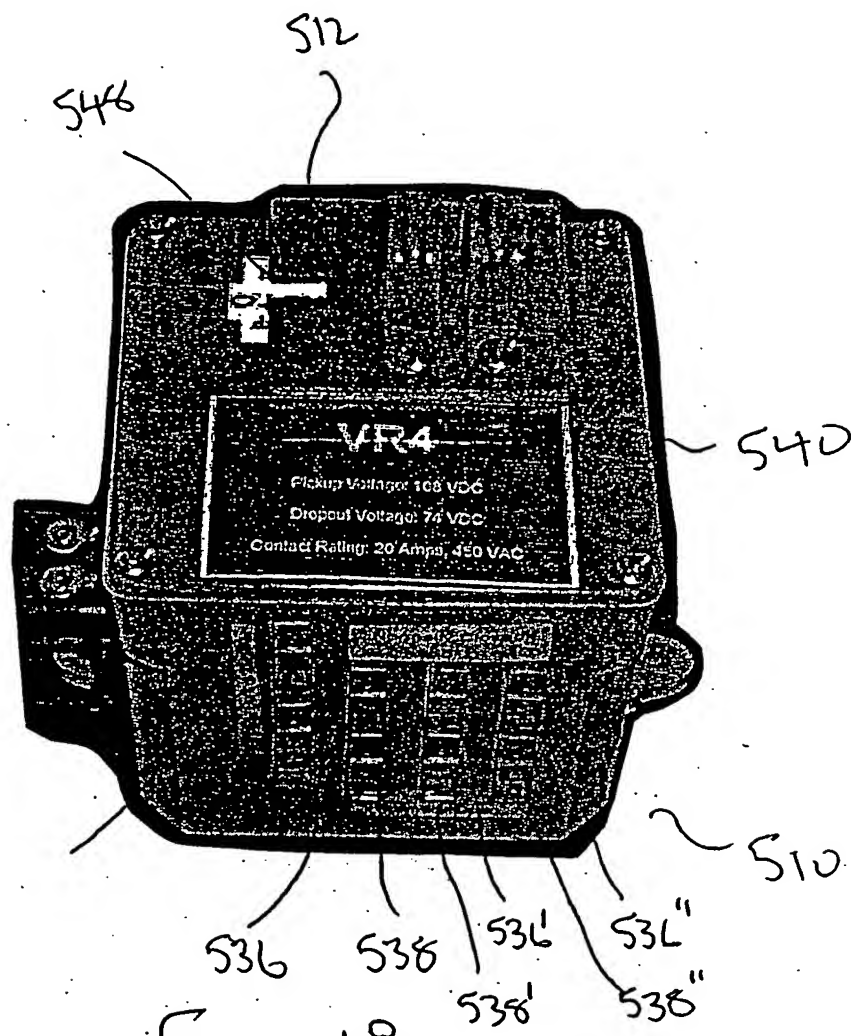


FIG. 19

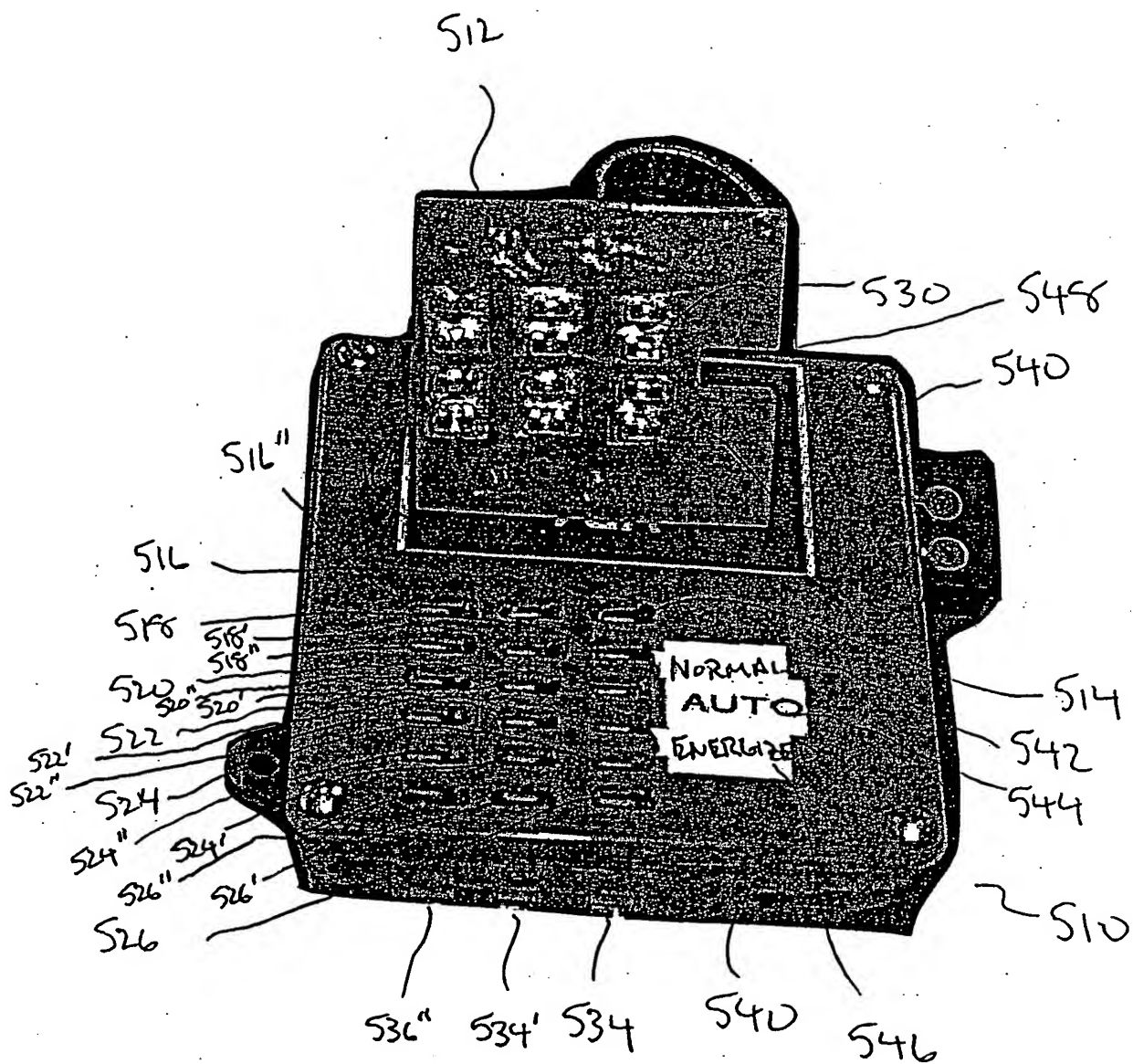


FIG. 20

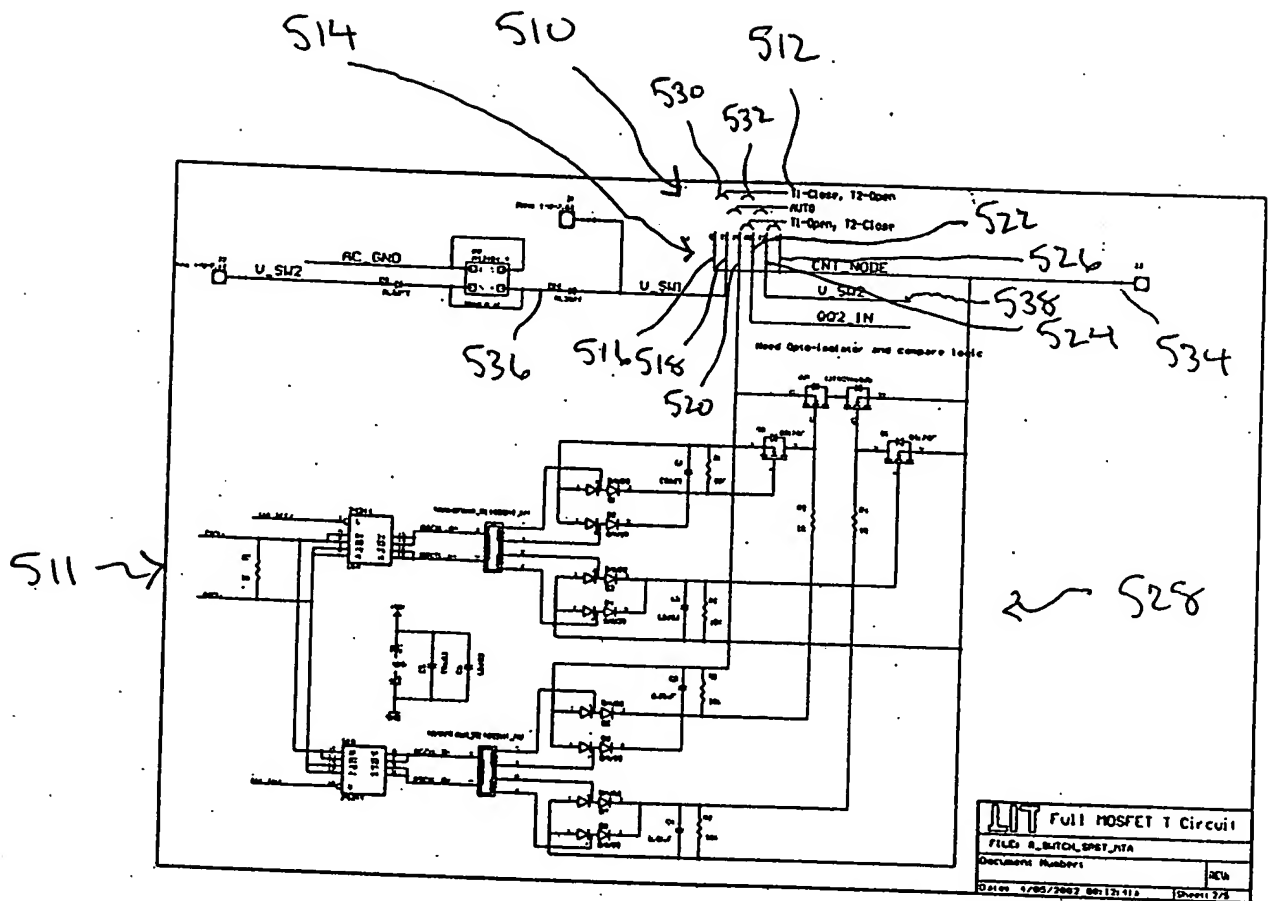


Fig. 21

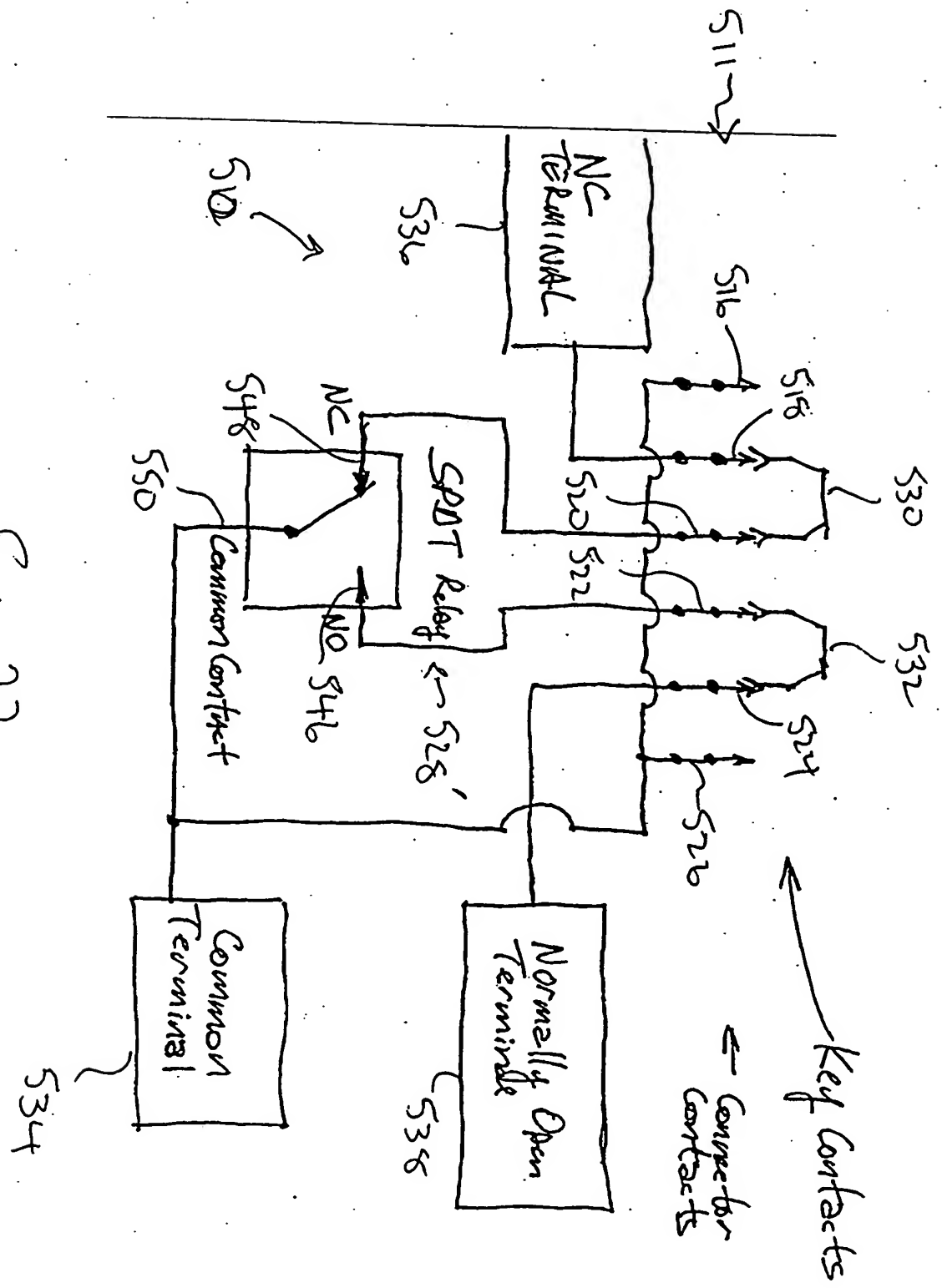


Fig. 22

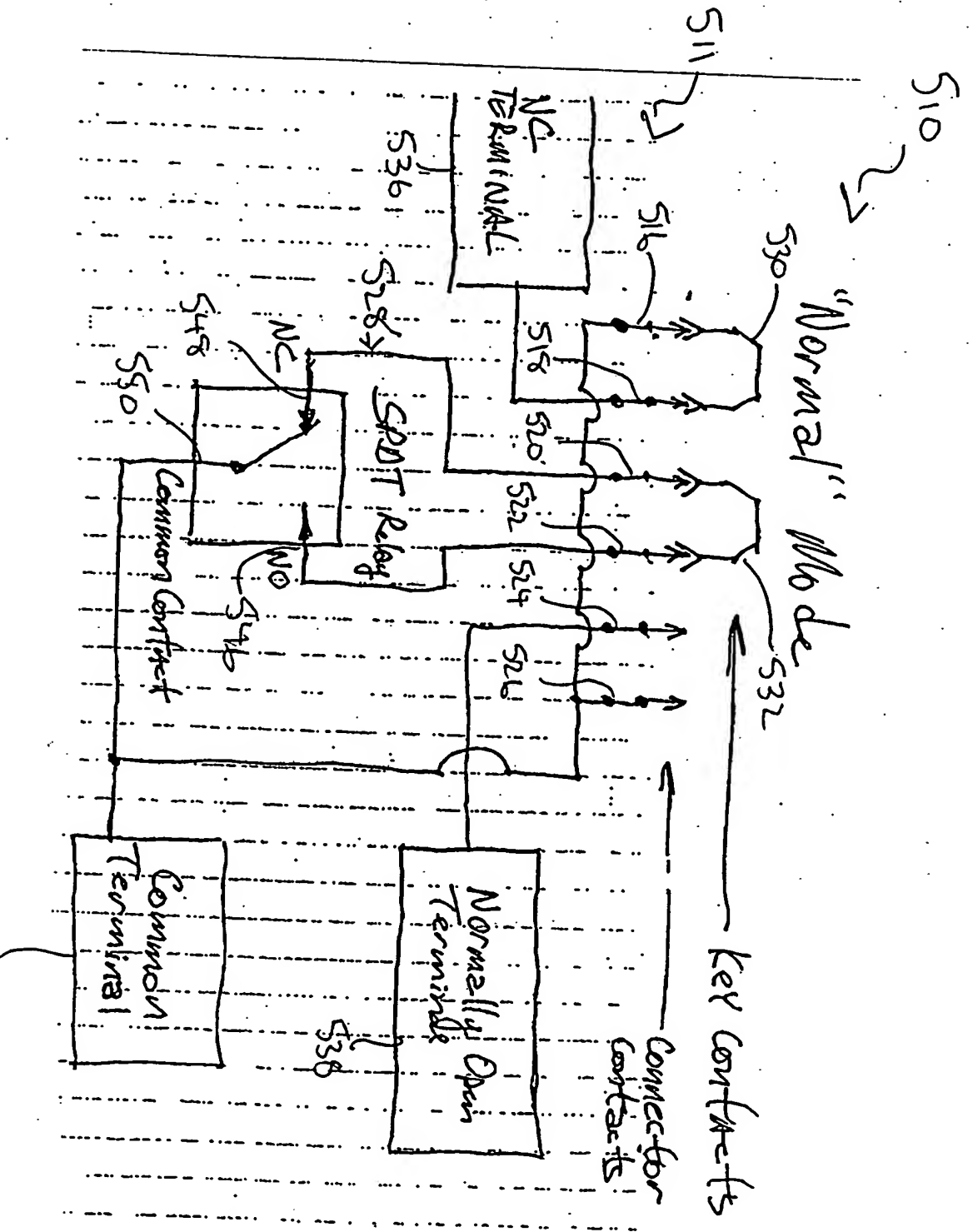


Fig. 23

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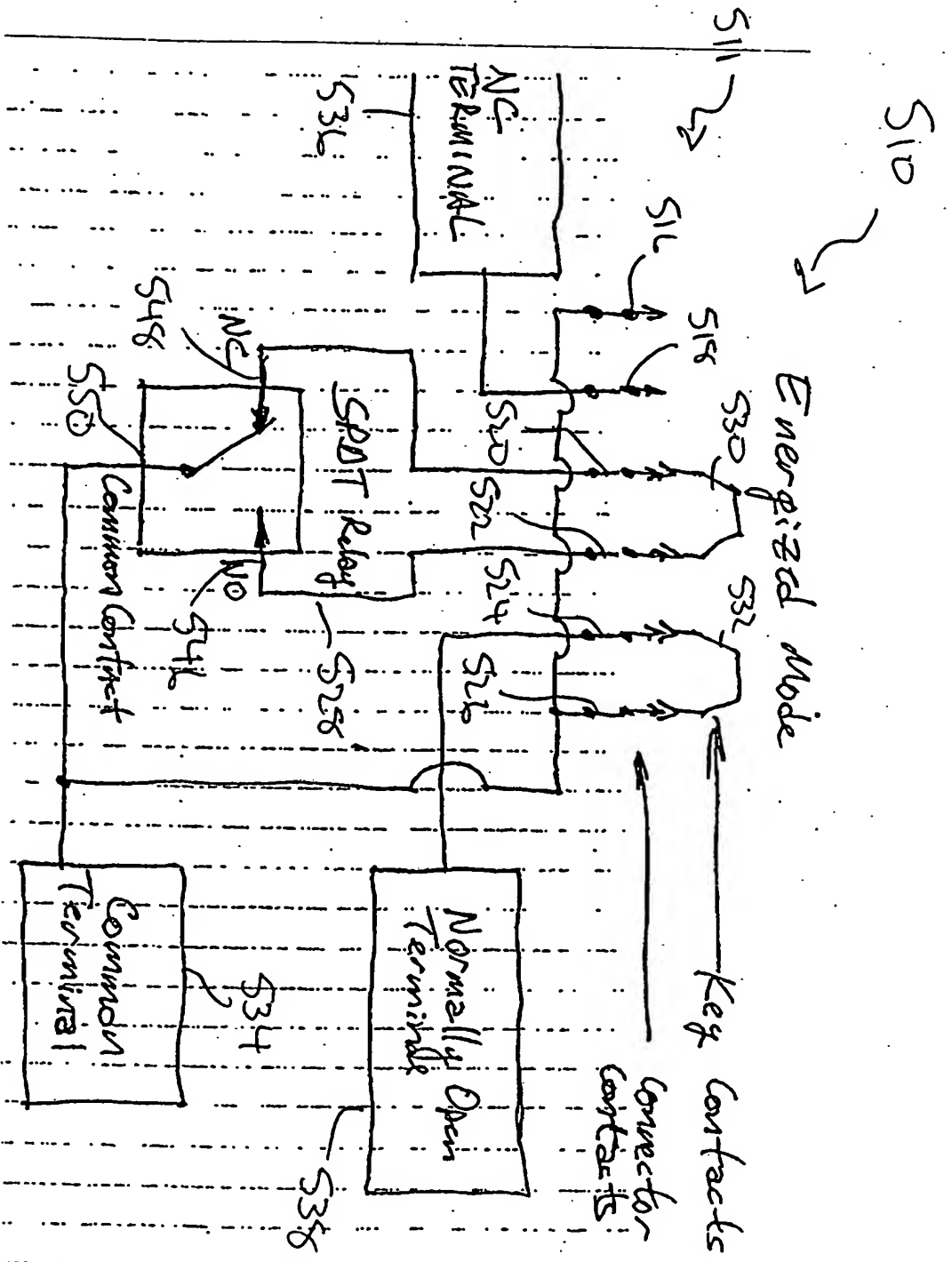


Fig. 24

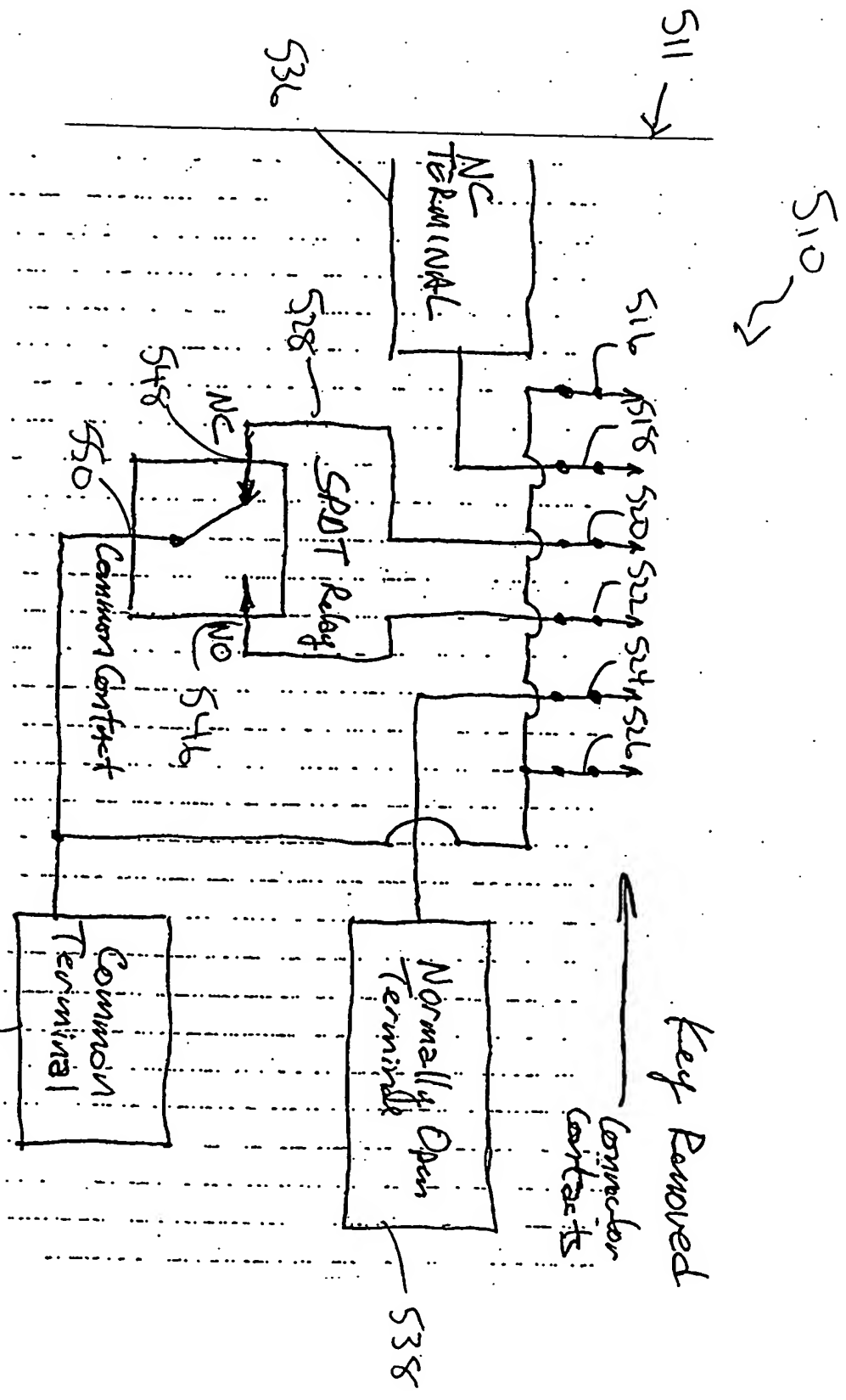


Fig. 25

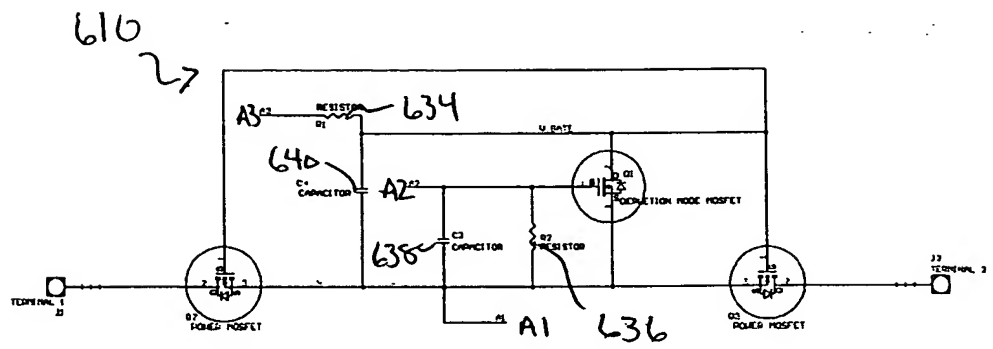


FIG. 26

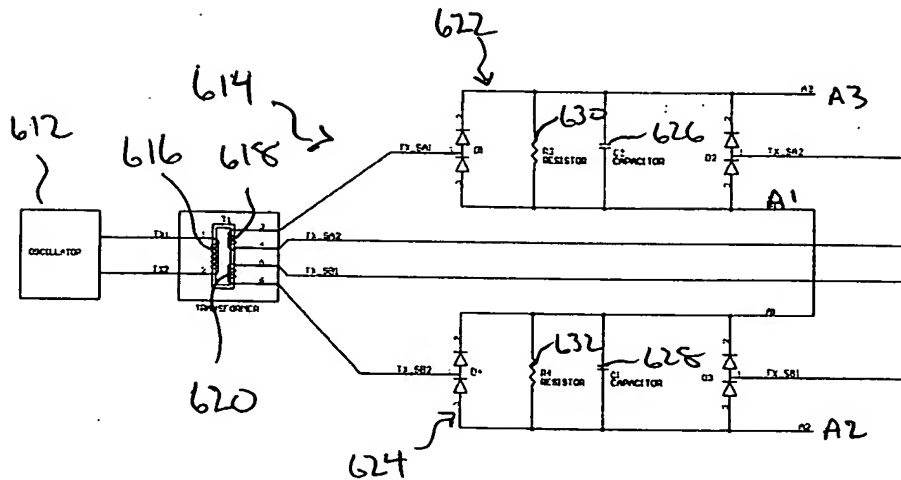


FIG. 27

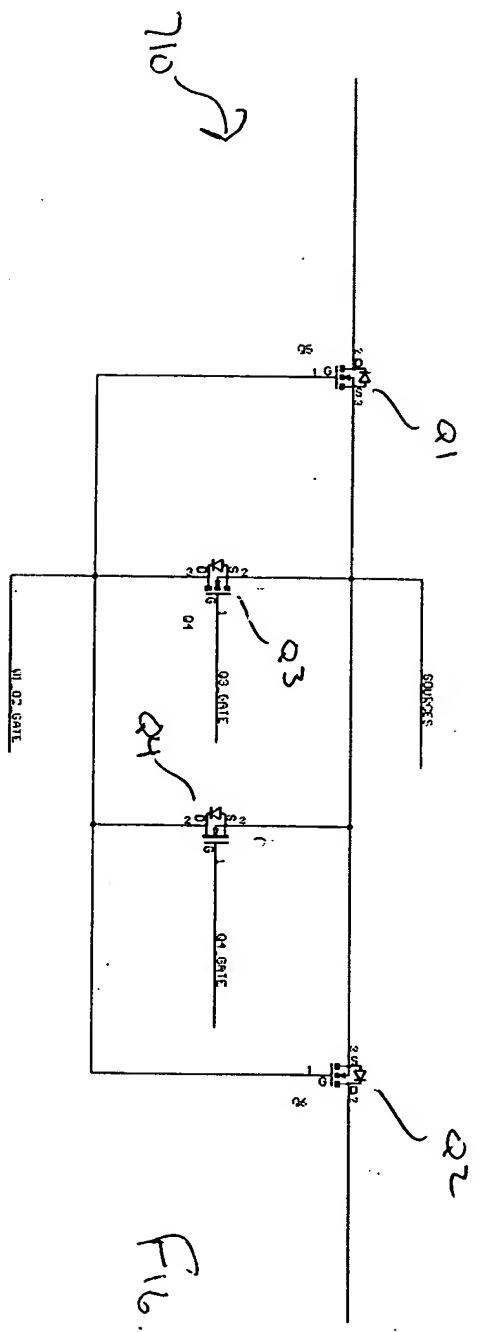


Fig. 28

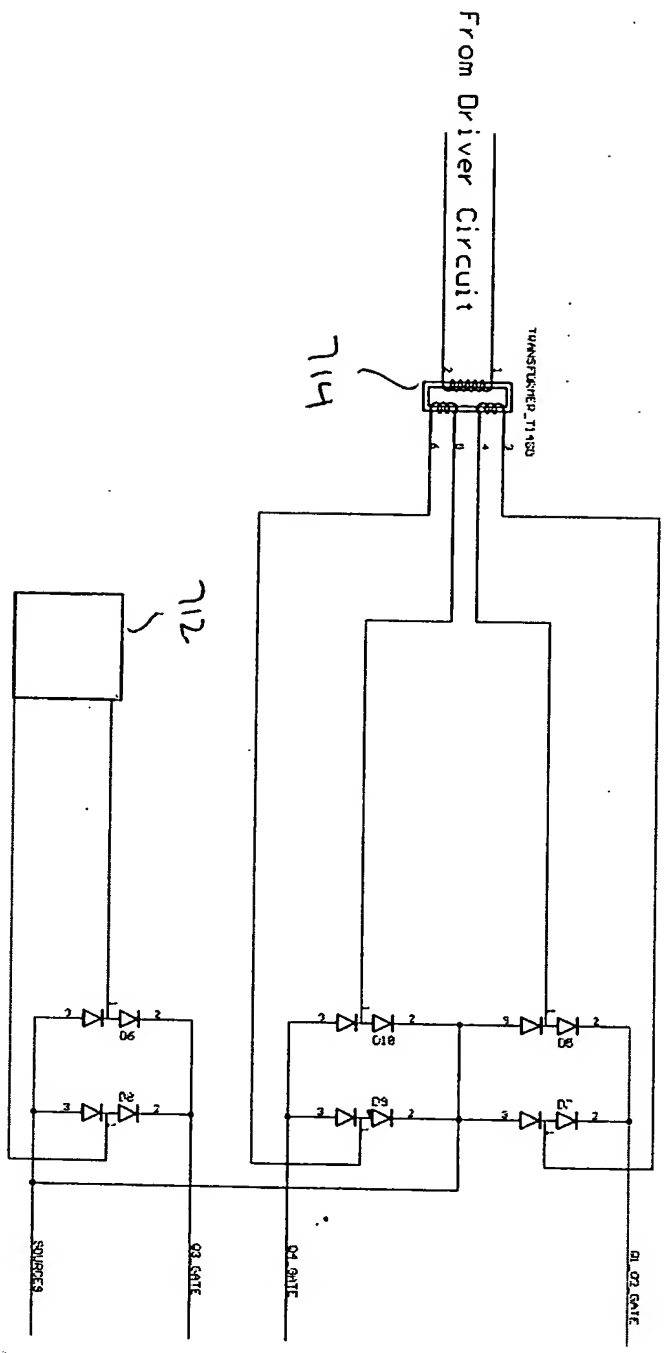


Fig. 29